

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L2 | 160 | ("3152088" "3594330" "3644318" "3676415" "3790550" "4086408" "4105847").PN. OR ("4302565").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/01 08:52 |
| L3 | 2600 | ((585/639) or (502/21) or (209/133) or (209/143) or (209/710) or (209/715,716,145,154) or (209/233) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/01 08:58 |
| S1 | 18 | ("2573559" "2631981" "5177279" "5393412" "5518695" "5636747" "5746321" "6023005").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 11:47 |
| S2 | 68005 | ((remove\$3 separat\$3 extract\$3 sort\$3) near3 catalyst) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:34 |
| S3 | 1248 | ((remove\$3 separat\$3 extract\$3 sort\$3) near3 catalyst) same (react\$3 and (olefin ethylene propylene) and (oxygenate alcohol methanl dimethyl ethanol)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 11:20 |
| S4 | 504 | ((remove\$3 separat\$3 extract\$3 sort\$3) near3 catalyst) same (react\$3 and (olefin ethylene propylene) and (oxygenate alcohol methanl dimethyl ethanol)).bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 10:23 |
| S5 | 0 | S4 and "209"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 10:24 |
| S6 | 0 | S4 and "209"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 10:24 |
| S7 | 18 | ("2573559" "2631981" "5177279" "5393412" "5518695" "5636747" "5746321" "6023005").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 10:24 |

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| S8 | 1 | S4 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 10:30 |
| S9 | 522 | (585/639).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 11:00 |
| S10 | 702 | ((585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 11:08 |
| S11 | 2303 | ((585/639) or (502/21) or (209/710) or (209/715) or (209/725) or (209/172) or (209/172.5) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 11:33 |
| S12 | 279 | S2 and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 11:15 |
| S13 | 90 | S3 and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 11:15 |
| S14 | 1 | S7 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 11:15 |
| S15 | 1518 | ((remove\$3 separat\$3 extract\$3 sort\$3 recover\$3) near3 catalyst) same (react\$3 and (olefin ethylene propylene) and (oxygenate alcohol methanl dimethyl ethanol)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 11:48 |
| S16 | 1593 | ((585/639) or (502/21) or (209/132) or (209/710) or (209/715) or (209/233) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 11:37 |
| S17 | 90 | S3 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/18 11:34 |

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|-----|------|--|---|----|-----|------------------|
| S18 | 13 | ((("5518695") or ("5290431") or ("4904281") or ("4670410") or ("2934494") or ("2535150"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 11:36 |
| S19 | 2117 | ((585/639) or (502/21) or (209/133) or (209/143) or (209/710) or (209/715) or (209/233) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 17:47 |
| S20 | 9 | ("2727930" "3554903" "4176083" "5126036").PN. OR ("5290431").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/18 11:38 |
| S21 | 8 | ("3353925" "4446107" "4871514" "4997800" "5286281" "5290431" "5372707").PN. OR ("6830735").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/18 11:39 |
| S22 | 35 | ("0197838" "2187487" "2259128" "2694358" "2838062" "2838063" "2838065" "2901331" "3140724" "3213879" "3273320" "3613720" "3785962" "4074691" "4246231" "4396034" "4407325" "4446107" "4477053" "4701307").PN. OR ("4871514").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/18 11:41 |
| S23 | 15 | ("3785962").URPN. | USPAT | OR | ON | 2005/08/18 11:42 |
| S24 | 36 | ("2654699" "3123547" "3406112" "3755136" "3785962" "3821103" "3898050" "4035284" "4219407" "4280898" "4283273" "4284494" "4295961" "4313910" "4332674" "4341624" "4387043" "4394349" "4397738" "4404095" "4419221" "4422925" "4478708").PN. OR ("4666586").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/18 15:08 |
| S25 | 26 | ((("3258455") or ("3305538") or ("3364190") or ("5892079") or ("4659685") or ("4076698") or ("3645992") or ("4302565") or ("4243691"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/18 15:08 |
| S26 | 157 | ("3152088" "3594330" "3644318" "3676415" "3790550" "4086408" "4105847").PN. OR ("4302565").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/18 15:10 |

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|-----|------|--|---|----|-----|------------------|
| S27 | 24 | ("3258455" "3305538" "3364190" "3645992" "4076698" "4243691" "4302565" "4440871" "4499327" "4567029" "4659685" "4861743" "4873390" "5096684" "5126308" "5892079" "6023005" "6166282" "6437208" "6455747").PN. OR ("6673978").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/18 15:39 |
| S28 | 927 | ((585/639) or (585/640)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/19 11:48 |
| S29 | 1518 | ((remove\$3 separat\$3 extract\$3 sort\$3 recover\$3) near3 catalyst) same (react\$3 and (olefin ethylene propylene) and (oxygenate alcohol methanl dimethyl ethanol)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 11:48 |
| S30 | 116 | S28 and S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 12:38 |
| S31 | 68 | S30 and (cool\$3 near3 catalyst) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/19 12:38 |
| S32 | 47 | ("3928483" "4025575" "4052479" "4440871" "4447669" "4496786" "4499314" "4543435" "4547616" "4677242" "4677243" "4814541" "4843183" "4861938" "4973792" "5095163" "5126308" "5191141").PN. OR ("5744680").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 12:41 |
| S33 | 24 | ("3258455" "3305538" "3364190" "3645992" "4076698" "4243691" "4302565" "4440871" "4499327" "4567029" "4659685" "4861743" "4873390" "5096684" "5126308" "5892079" "6023005" "6166282" "6437208" "6455747").PN. OR ("6673978").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 14:30 |

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|-----|------|---|---|----|-----|------------------|
| S34 | 2 | ("5706632").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/19 15:52 |
| S35 | 9 | ("4683708" "4790119" "5025610" "5099633" "5113639" "5189863" "5414974").PN. OR ("5706632").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/19 15:52 |
| S36 | 2152 | ((585/639) or (502/21) or (209/133) or (209/143) or (209/710) or (209/715) or (209/233) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/04 12:22 |
| S37 | 1 | ("0205950").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 17:49 |
| S38 | 1 | ("0005950").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 17:49 |
| S39 | 0 | ("vaughn.inv.").PN. | EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 17:49 |
| S40 | 0 | ("vaughn.inv.").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/03 17:51 |
| S41 | 1 | (Steven near2 vaughn).inv. | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 17:51 |
| S42 | 13 | (Steven near2 vaughn).inv. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/03 17:51 |
| S43 | 30 | ("2573559" "2631981" "3785962" "4302565" "4666586" "5177279" "5393412" "5518695" "5636747" "5744680" "5746321" "6023005" "6580010").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:21 |
| S44 | 1513 | cyclone same ((modulat\$3 regulat\$3 adjust\$3) and (flow rate) and (gas fluid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:42 |

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|-----|-------|---|---|----|-----|------------------|
| S45 | 2152 | ((585/639) or (502/21) or (209/133) or (209/143) or (209/710) or (209/715) or (209/233) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/04 12:41 |
| S46 | 1 | S44 and S43 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:23 |
| S47 | 22 | S44 and S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:24 |
| S49 | 613 | (209/715,716,145,154).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/04 12:41 |
| S50 | 728 | ((585/639) or (502/21) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/04 12:41 |
| S51 | 0 | S49 and S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:41 |
| S52 | 789 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:34 |
| S53 | 82 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid) and turbul\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:43 |
| S54 | 16 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid) and turbul\$5). bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:43 |
| S55 | 70085 | ((remove\$3 separat\$3 extract\$3 sort\$3) near3 catalyst) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:43 |

EAST Search History

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|-----|-------|---|---|----|----|------------------|
| S56 | 22 | S55 and S53 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:43 |
| S57 | 22 | S53 and S55 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/04 12:44 |
| S58 | 26 | ("1761627" "2148168" "2849117" "3232430" "3802570" "4005998" "4123364" "4147630" "4173527" "4342897" "4455220" "4482363").PN. OR ("4810264").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 09:16 |
| S59 | 25 | ("2402845" "2906695" "3007778" "3152065" "3821103").PN. OR ("4173527").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 09:18 |
| S60 | 70099 | ((remove\$3 separat\$3 extract\$3 sort\$3) near3 catalyst) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:47 |
| S61 | 0 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid) and colunter?flow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:34 |
| S62 | 4 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid) and counter?flow) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:35 |
| S63 | 789 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:35 |
| S64 | 82 | cyclone same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid) and turbul\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 10:38 |
| S65 | 52 | ("2354311" "3130157" "3391787" "3489680" "3615008").PN. OR ("4279743").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 09:39 |
| S66 | 18 | ("3130157").URPN. | USPAT | OR | ON | 2006/02/06 09:45 |

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| S67 | 613 | (209/715,716,145,154).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/06 10:34 |
| S68 | 2 | S60 and S67 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:47 |
| S69 | 6 | S67 and ("585"/\$.ccls. "208"/\$.ccls. "502"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 09:48 |
| S70 | 2580 | ((585/639) or (502/21) or (209/133) or (209/143) or (209/710) or (209/715,716,145,154) or (209/233) or (209/235) or (209/238) or (585/639) or (502/21)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/01 08:56 |
| S71 | 41 | (fisher near2 klosterman) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 10:34 |
| S72 | 0 | ("I24andclassifier").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/06 10:34 |
| S73 | 4 | S71 and classifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 10:34 |
| S74 | 25 | ("2252581" "2968401" "3232430" "3306443" "3667600" "3670886" "3802570" "3988133" "4200415" "4272260" "4303421" "4526678").PN. OR ("4743363").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 10:35 |
| S75 | 26 | ("0535099" "1620241" "2044915" "2402190" "3017993" "3091334" "3667600" "4001121" "4125456" "4248699").PN. OR ("4526678").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/06 10:37 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| S76 | 63 | (cyclone (air near2 classif\$3)) same ((modulat\$3 regulat\$3 adjust\$3 control\$3) and (flow near2 rate) and (gas fluid) and ((counter reverse) near2 flow)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 12:28 |
| S77 | 4 | "170939".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 12:29 |
| S78 | 4 | "218728".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 12:29 |
| S79 | 9 | "887860".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/06 12:29 |